

10

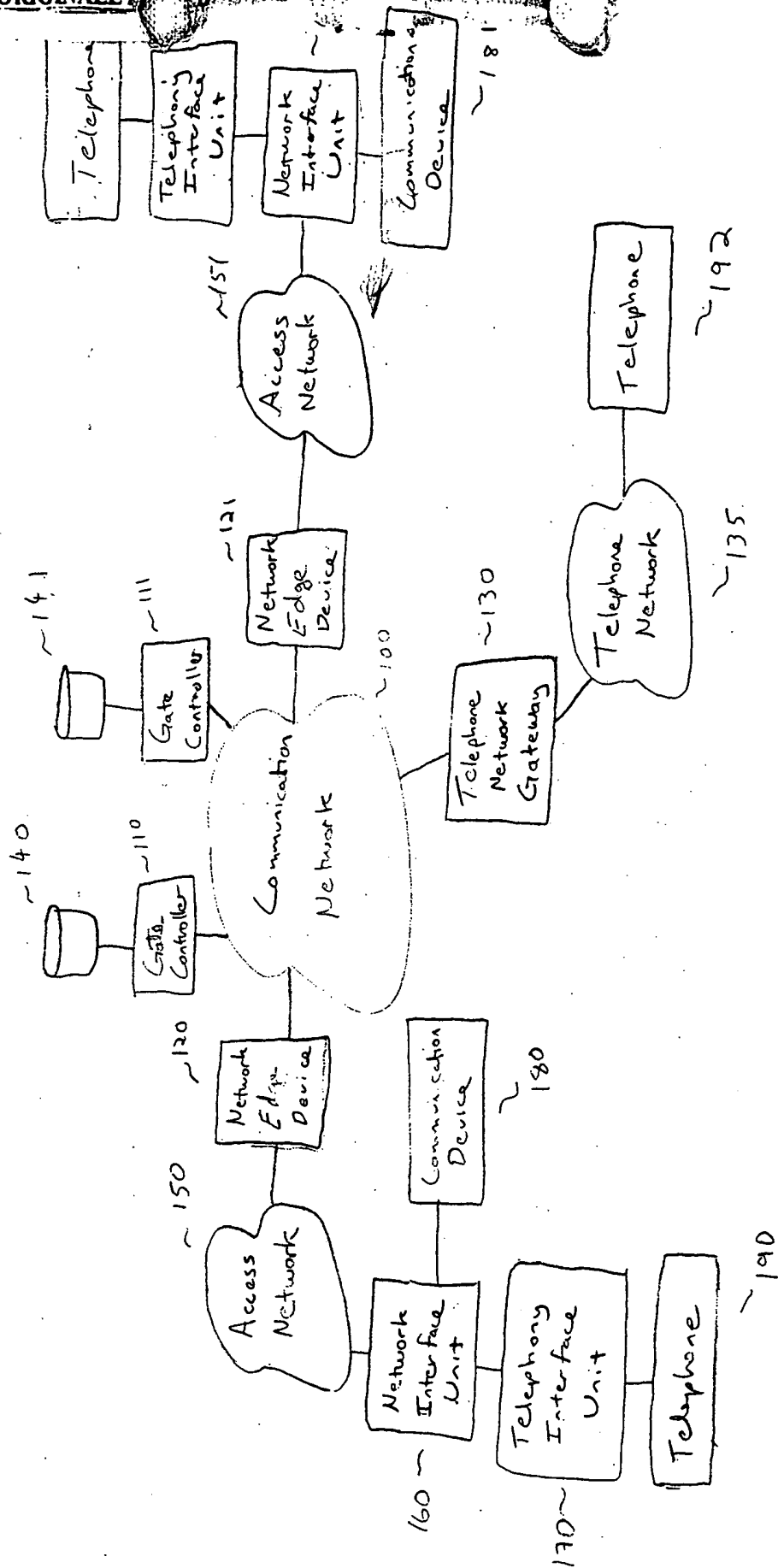


FIG. 1

to GC_0 and GC_T , a setup
the call

~210

Establish a gate at NED_T upon receiving the
setup message from GC_T

~220

Establish a gate at NED_0 upon receiving the
setup message from GC_0

~230

Send a reserve message from TIU_0 to NED_0

~240

Send a reserve message from TIU_T to NED_T

~250

Exchange end-to-end message between TIU_0 and TIU_T

~260

Upon connecting the calling party and the called
party, send a commit message from TIU_0 to
 NED_0 and from TIU_T to NED_T

~270

Upon receiving the commit message at NED_0 ,
open the gate at NED_0

~280

Upon receiving the commit message at NED_T ,
open the gate at NED_T

~290

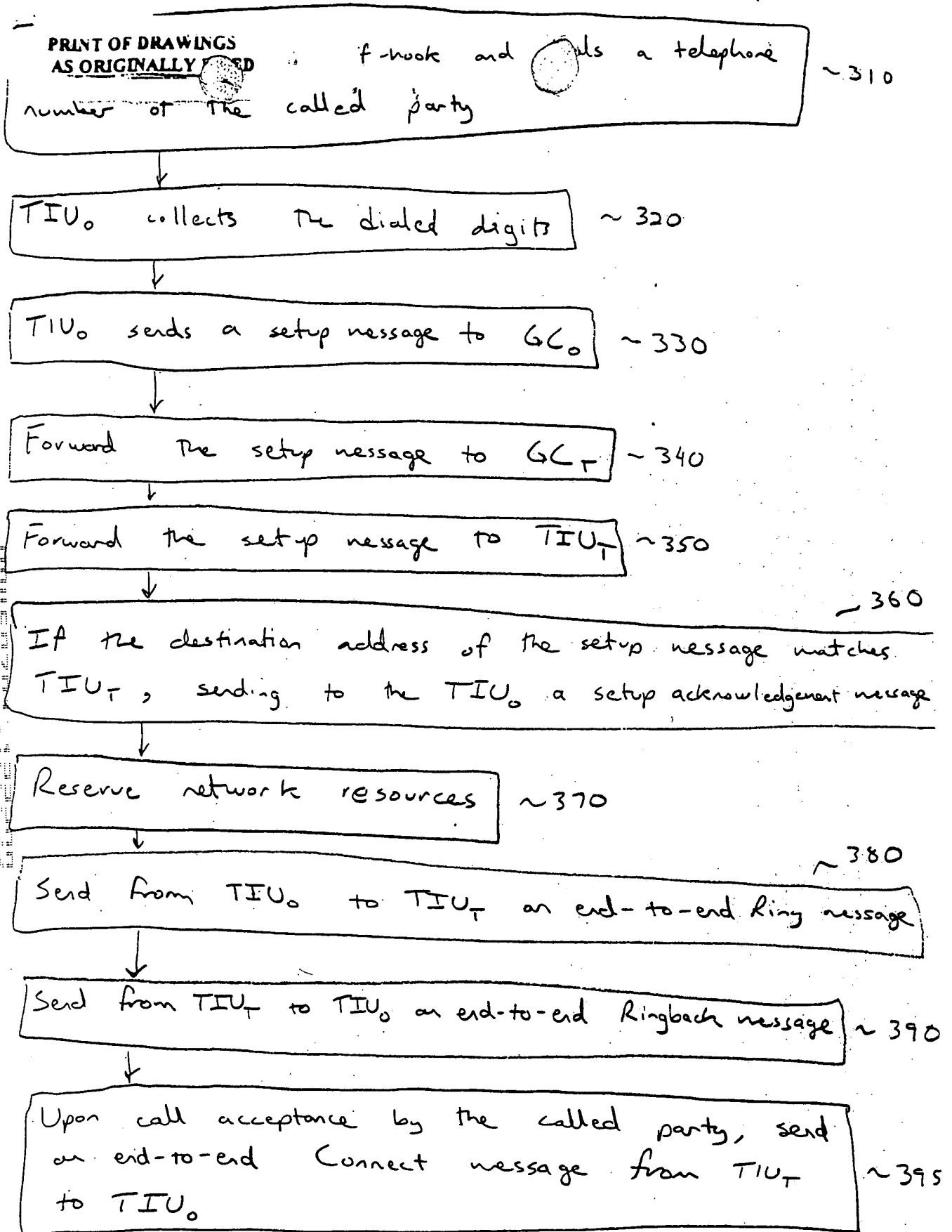


FIG. 3

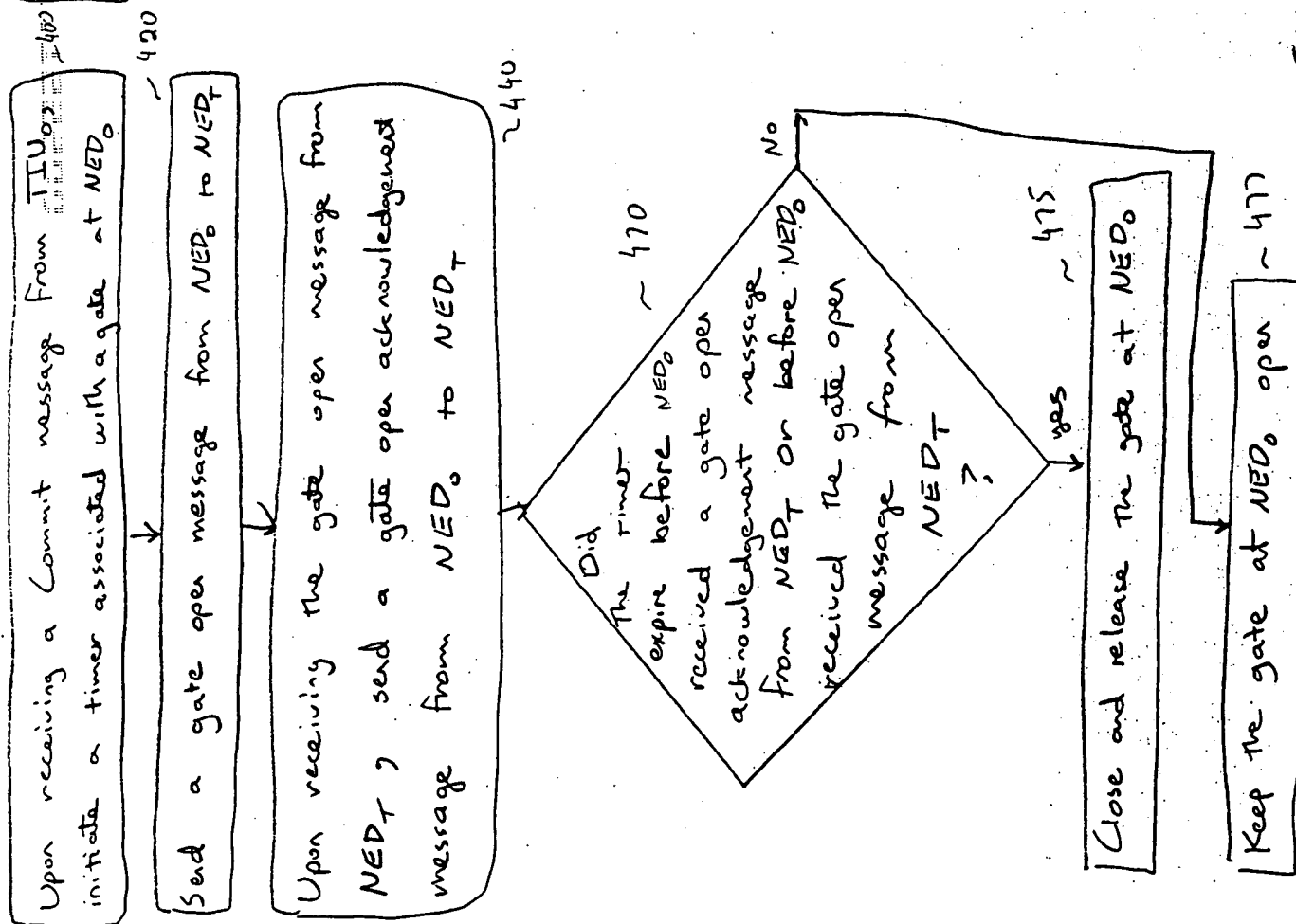
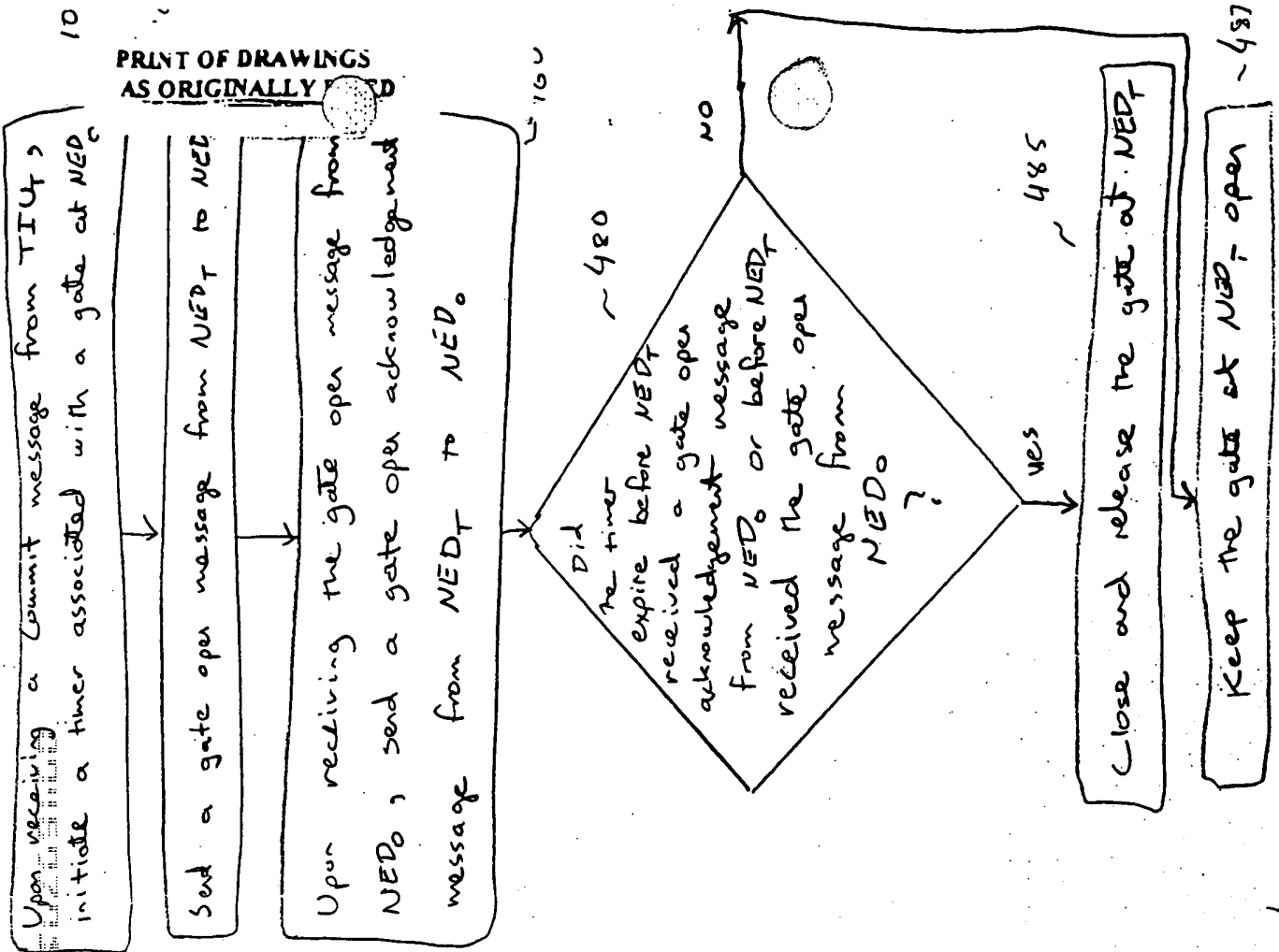


FIG. 4

TIU₀ NED₀ ~ 500

Translate the local source address and local destination address to a global source address ~ 510 and a global destination address

Forward the translated packets from NED₀ to NED_T ~ 520

Translate the global source address and the global destination address to a second local source address ~ 530 and a second local address

Send the translated packets from NED_T to TIU_T ~ 540

FIG. 5

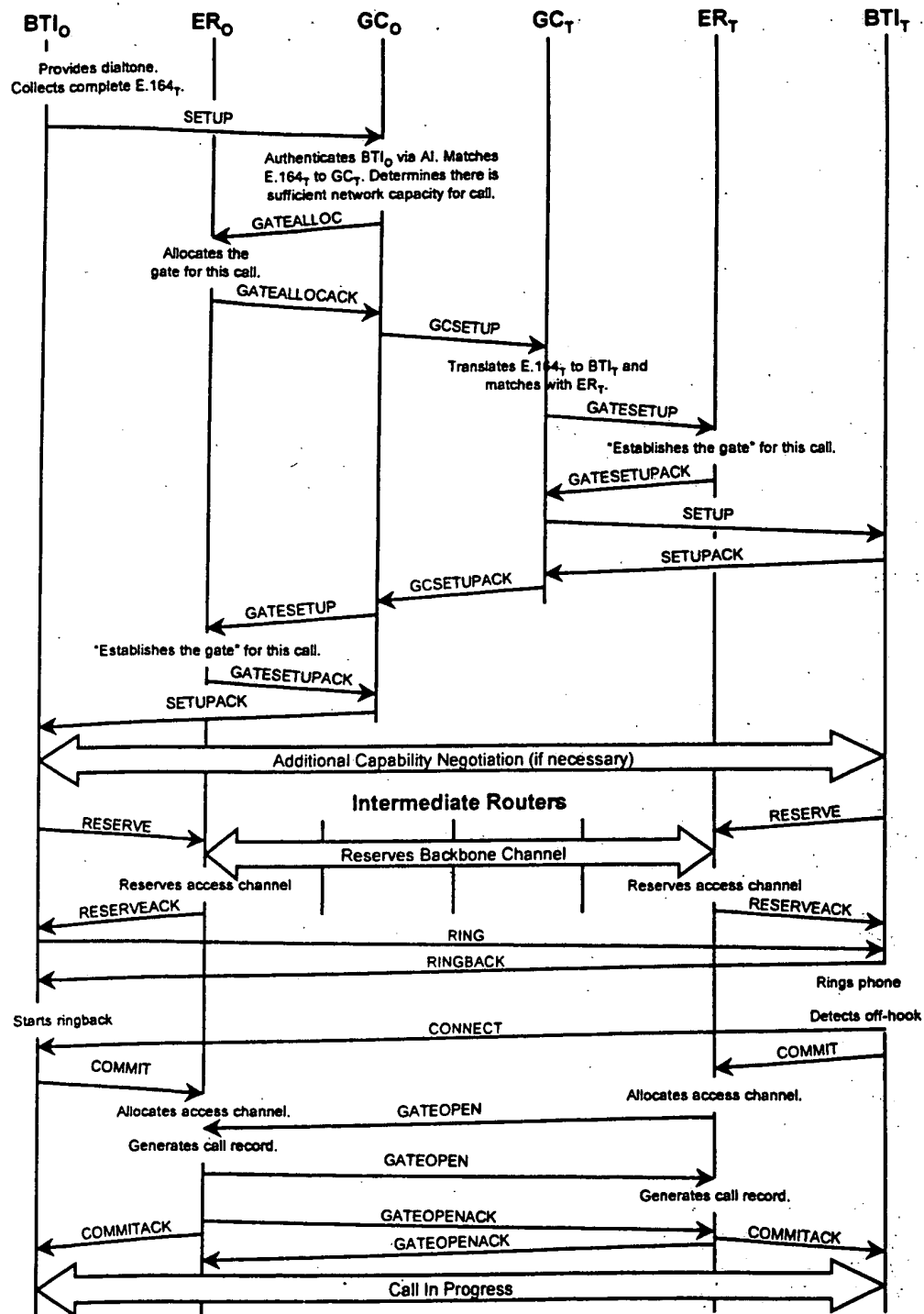


Figure 6

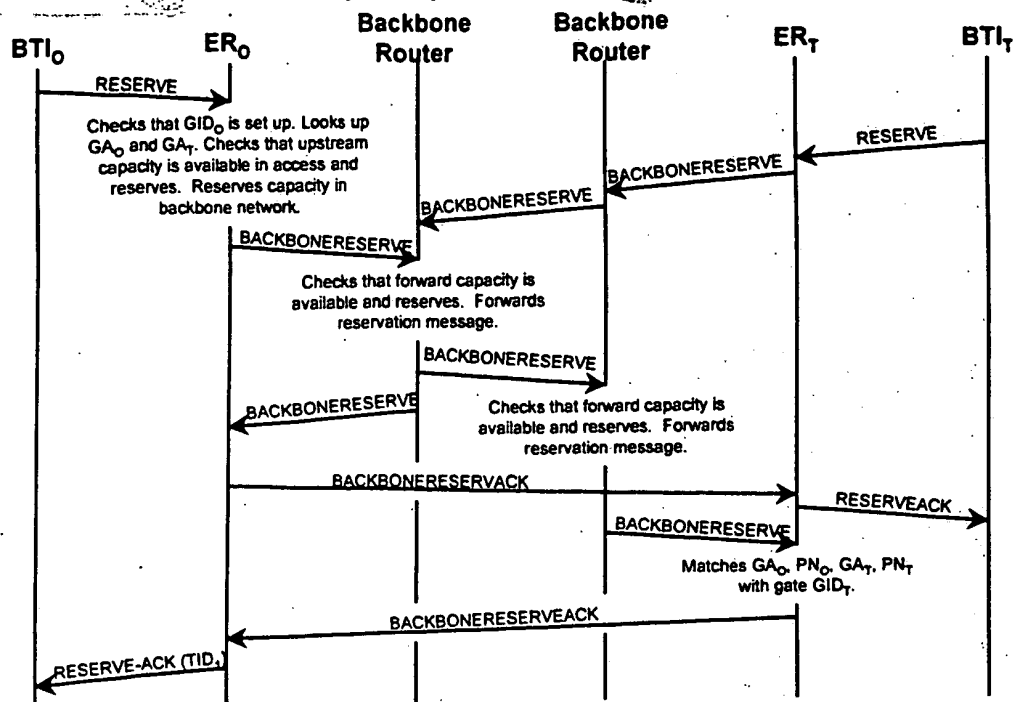


Figure 7

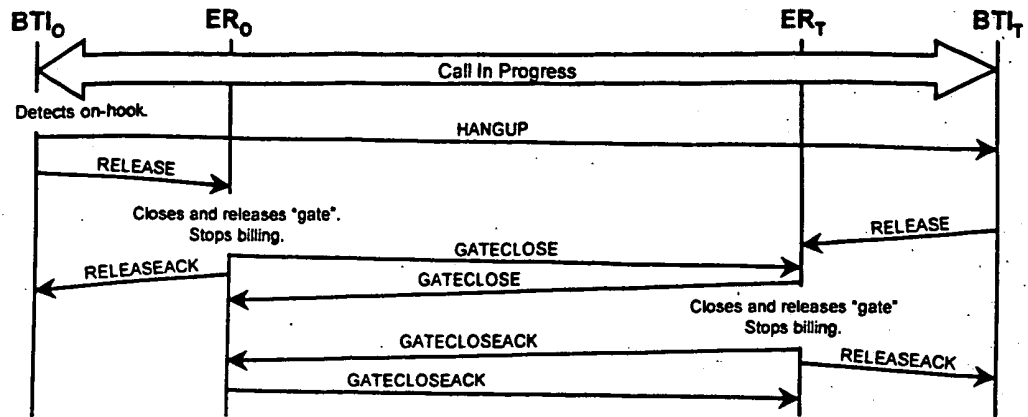
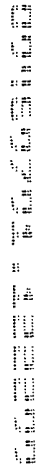


Figure 8



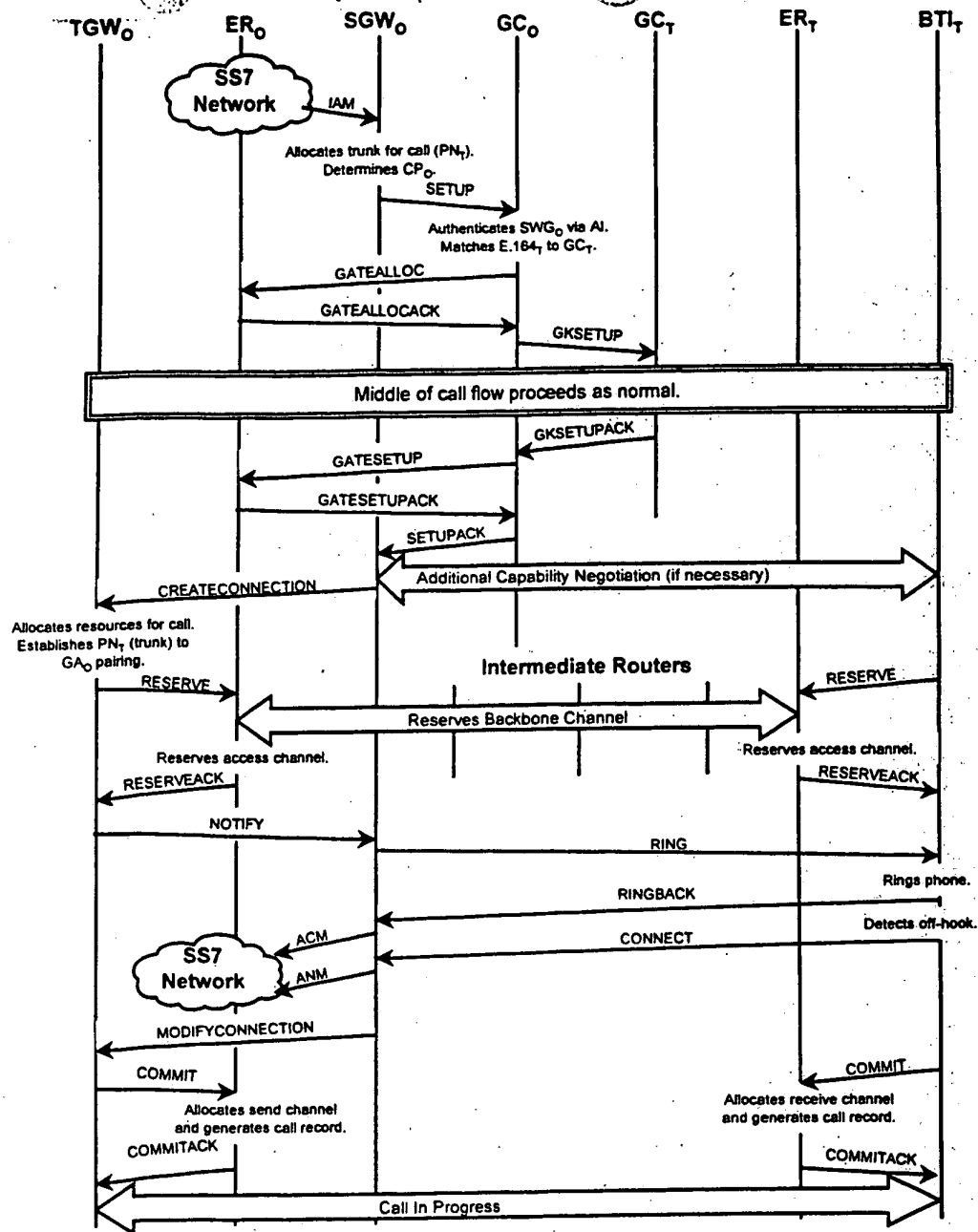


Figure 10

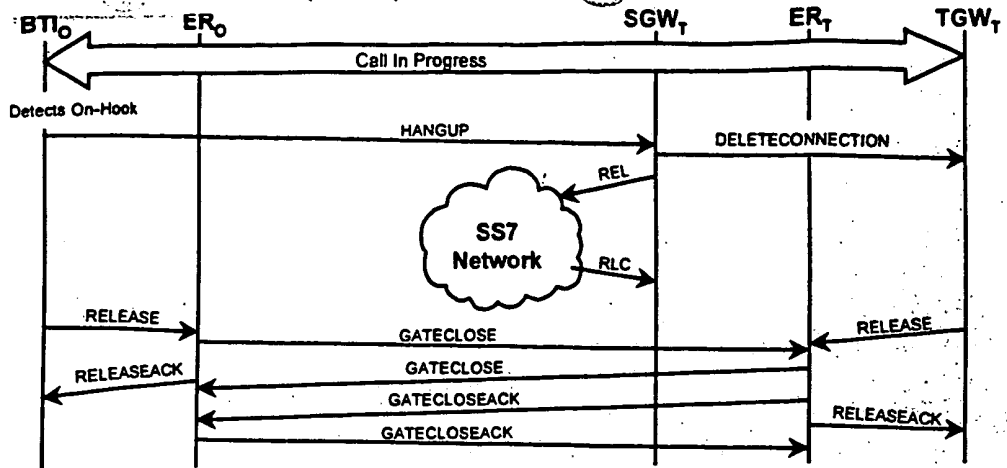


Figure 11

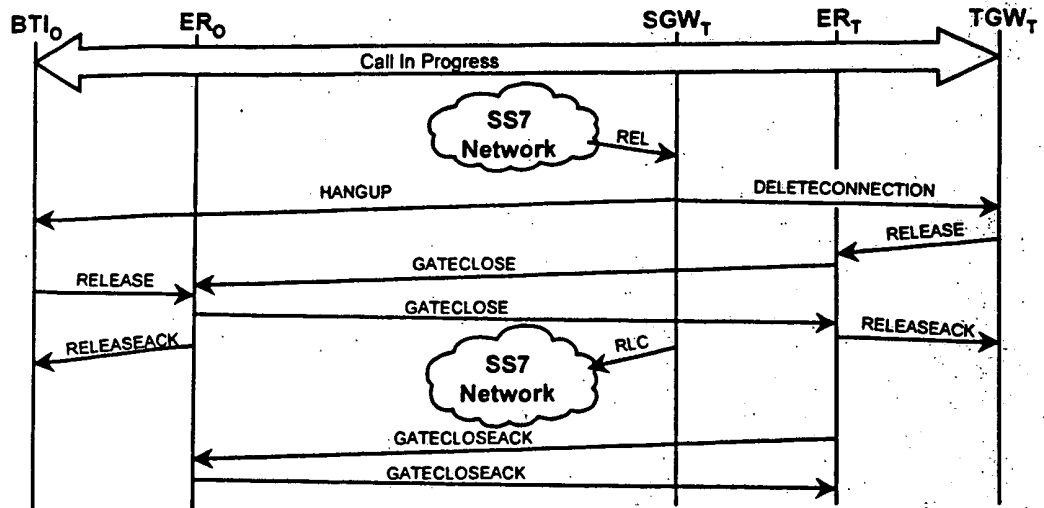


Figure 12

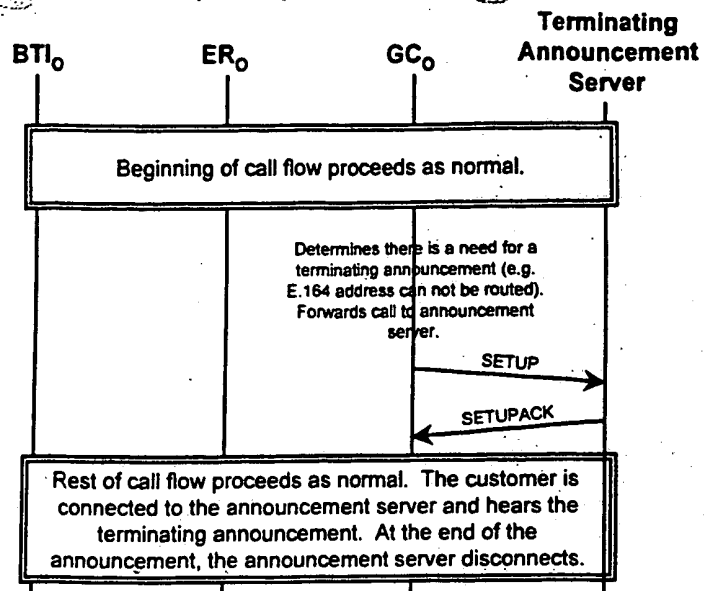


Figure 13

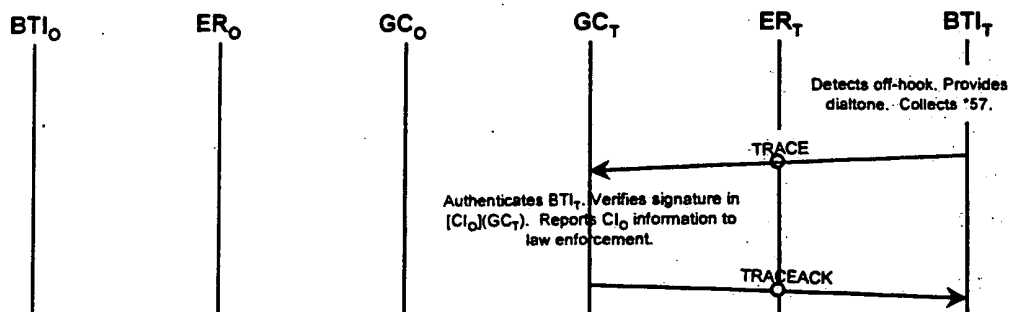


Figure 14

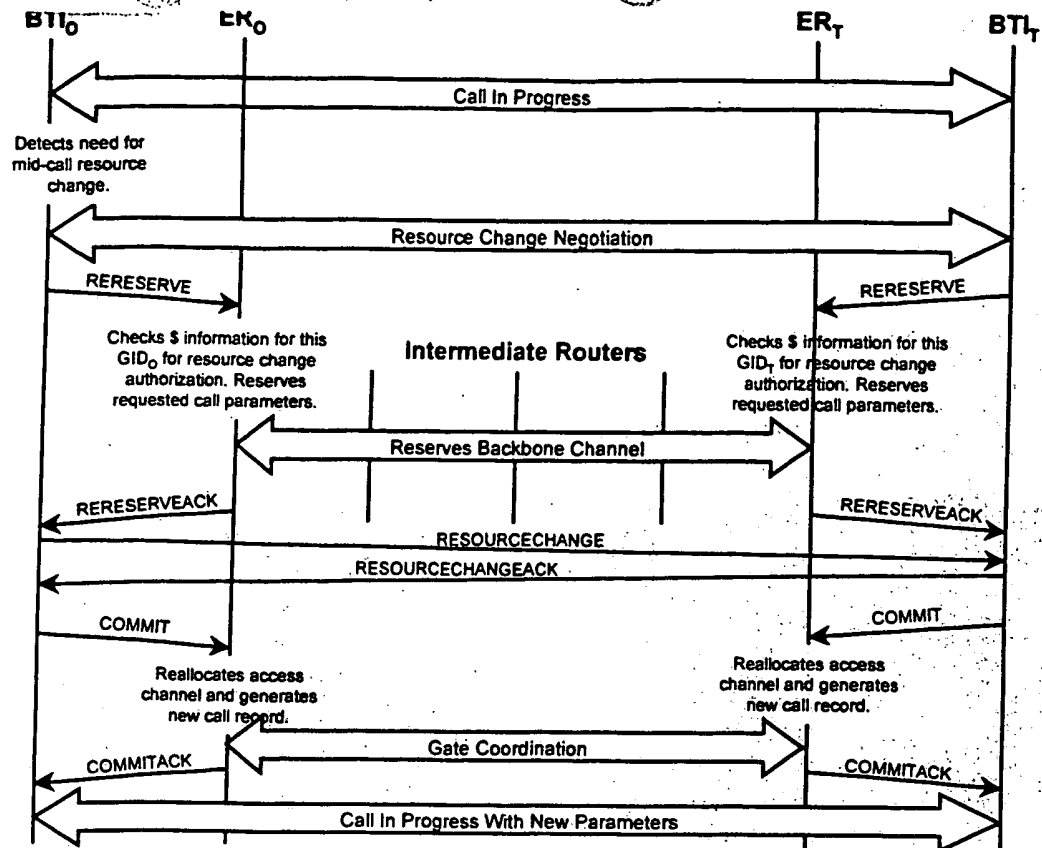


Figure 15

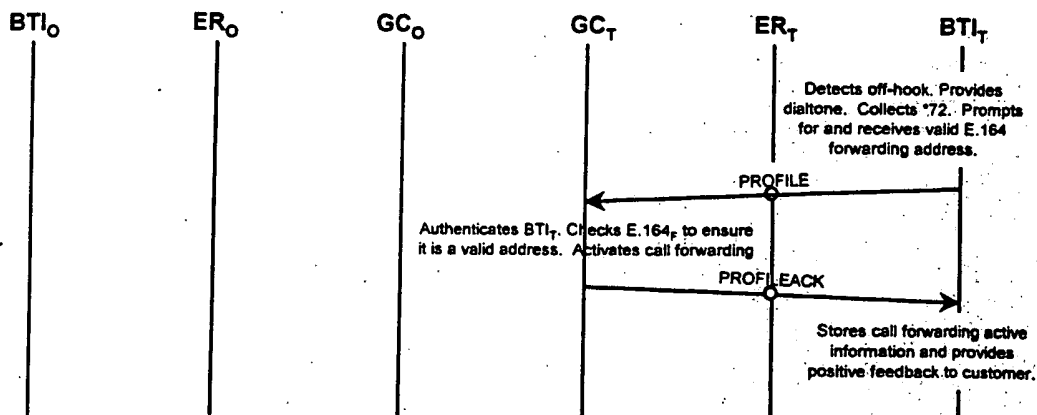


Figure 16

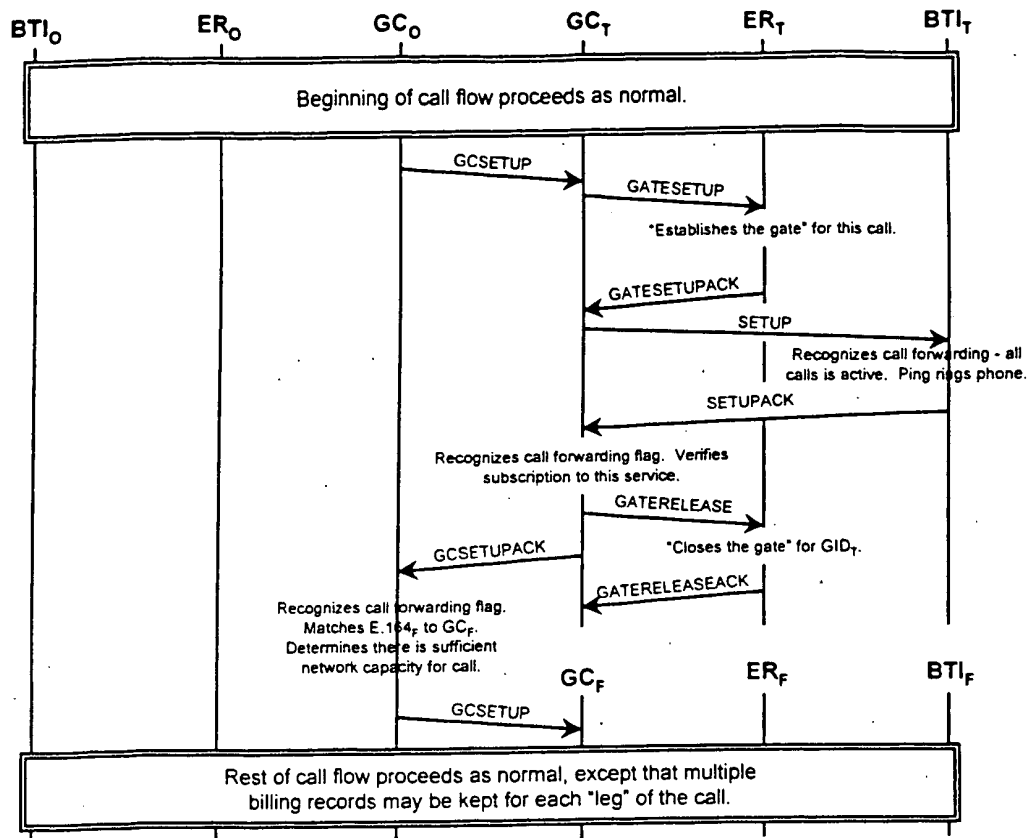


Figure 17

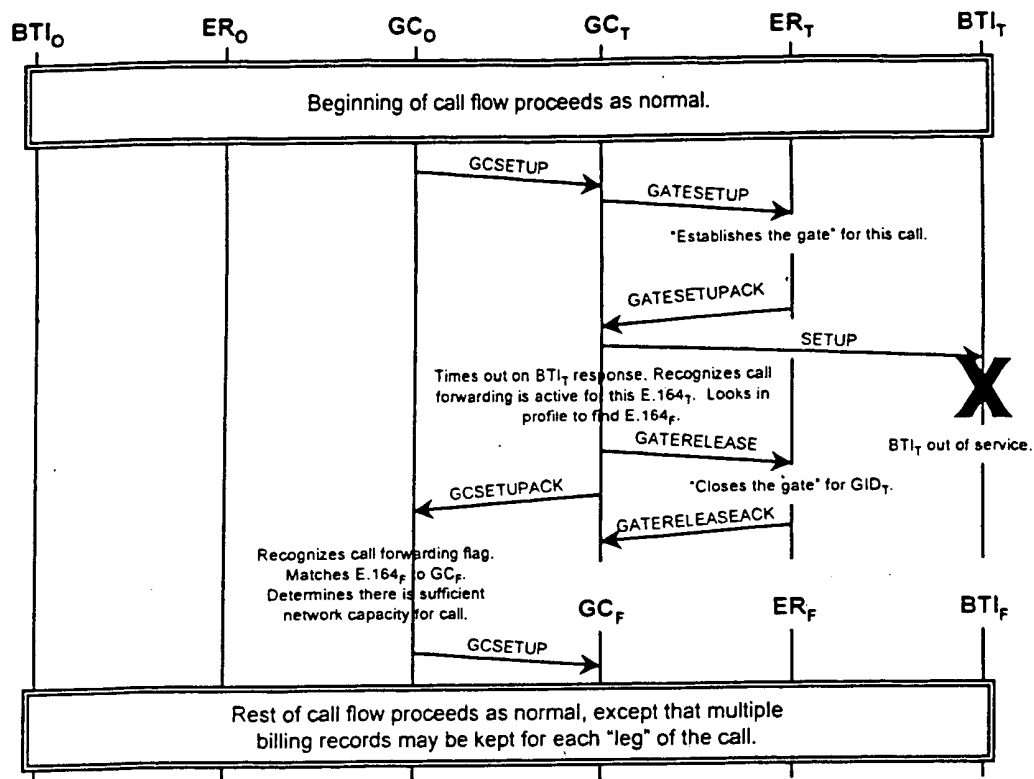


Figure 18

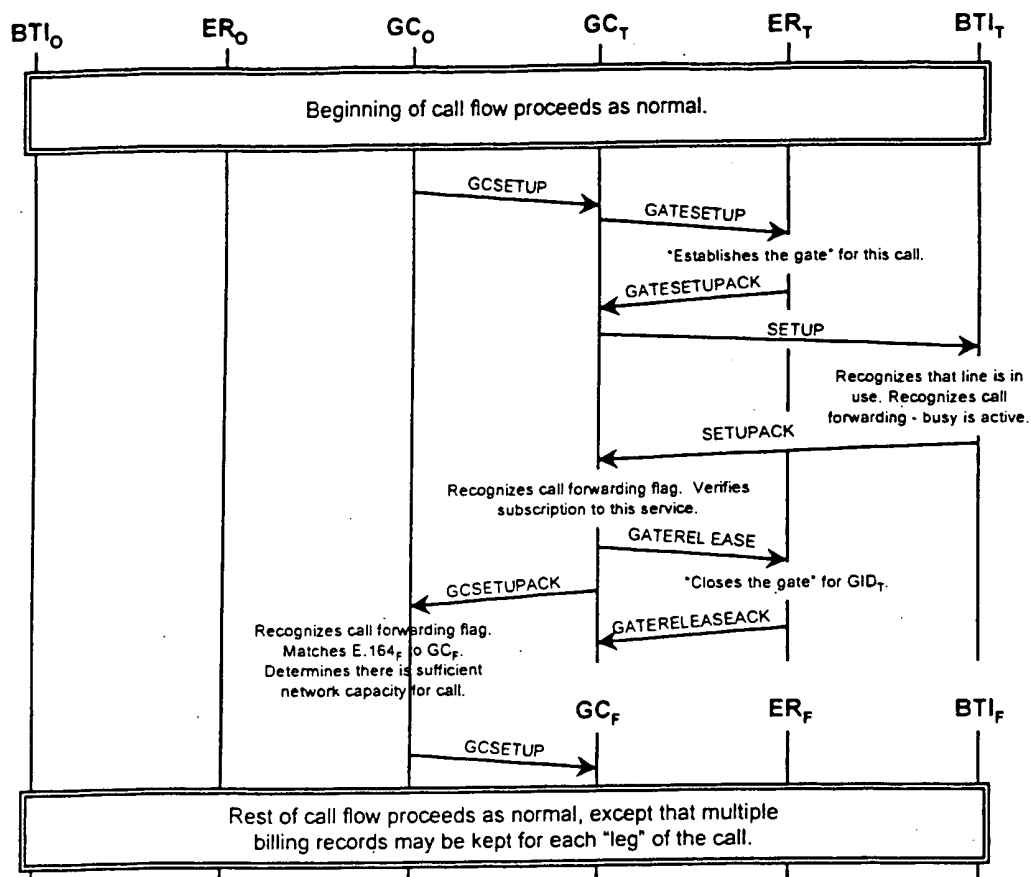


Figure 19

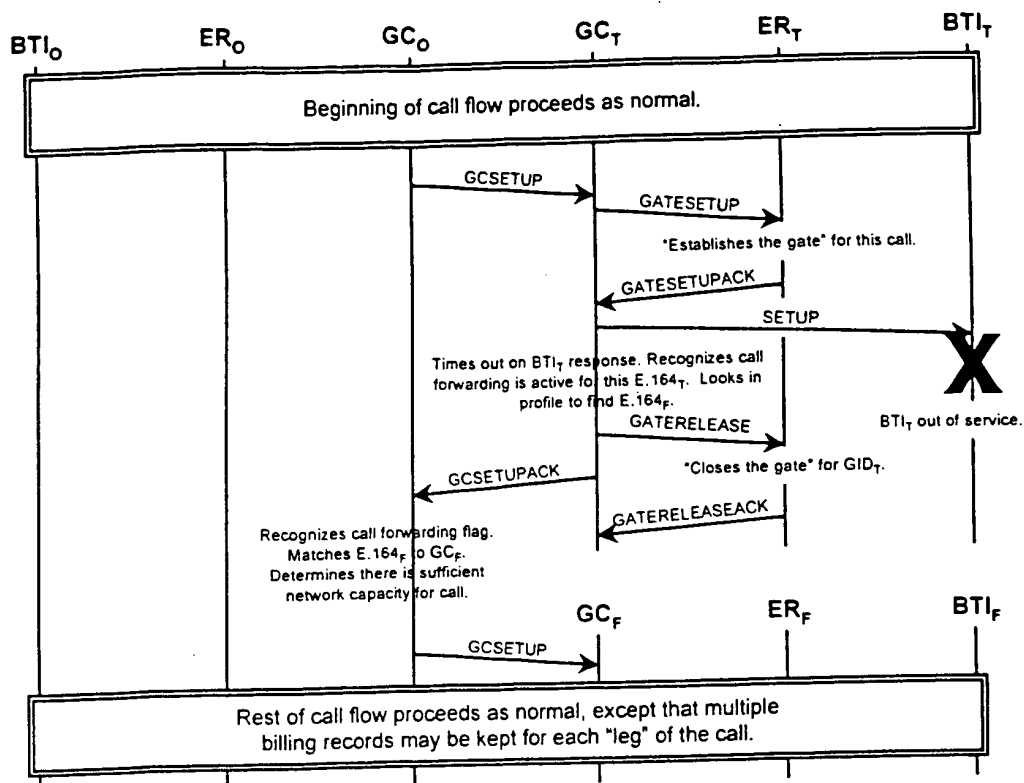


Figure 20

PRINT OF DRAWINGS
AS ORIGINALLY! D

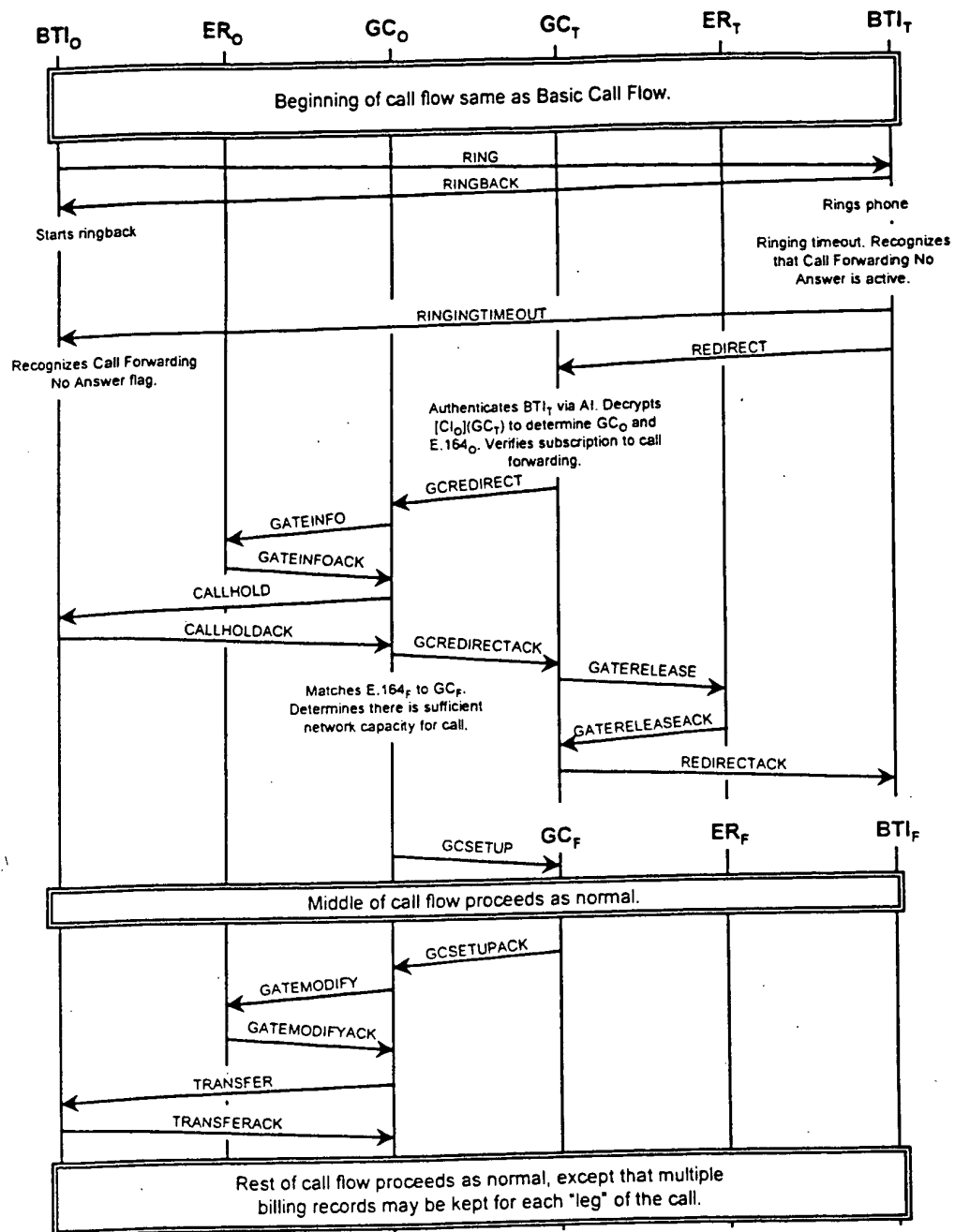


Figure 21

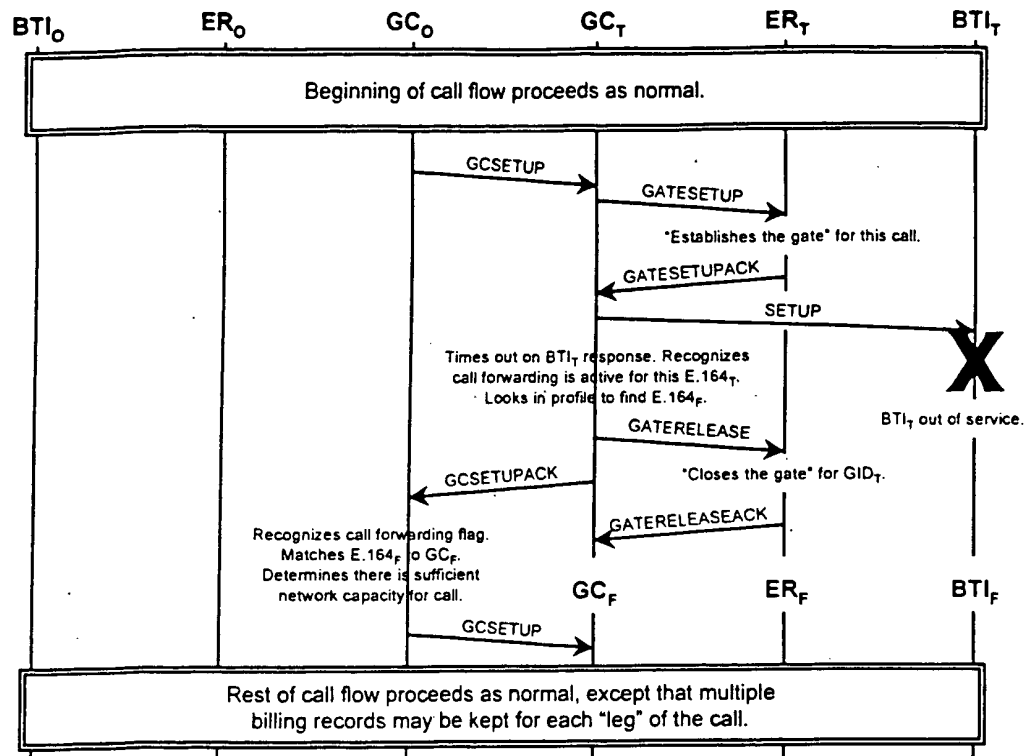


Figure 22

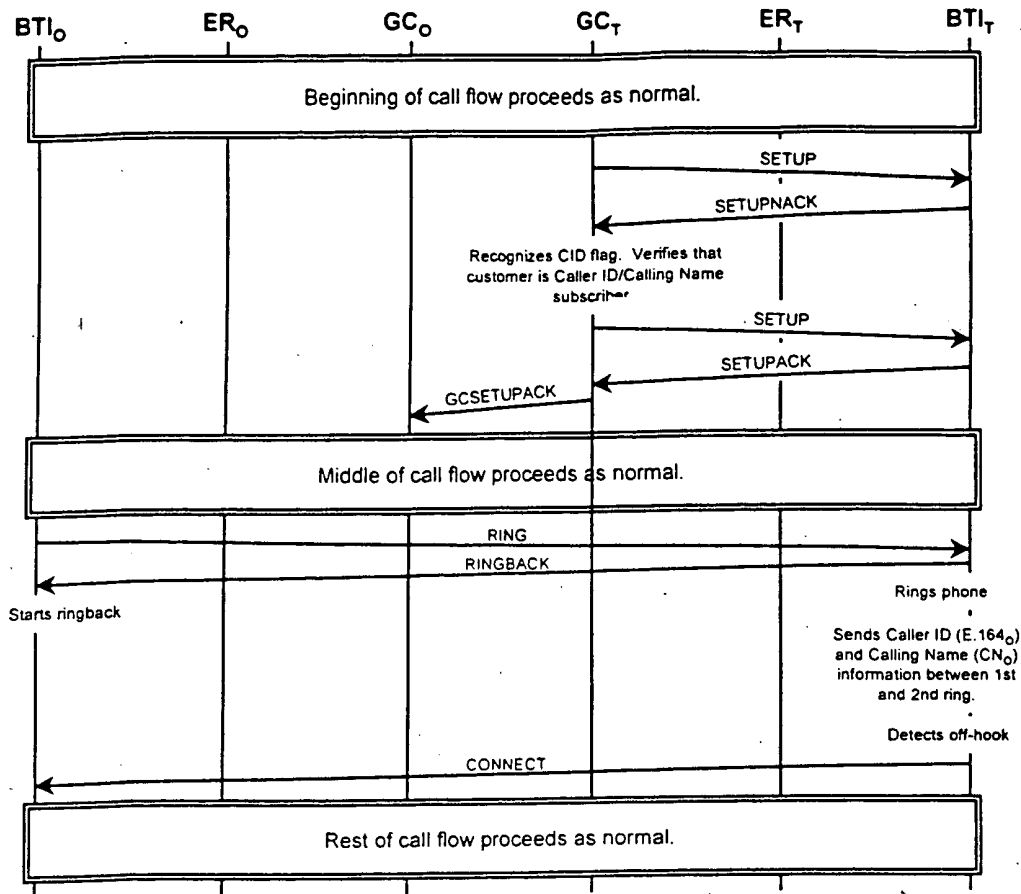


Figure 23

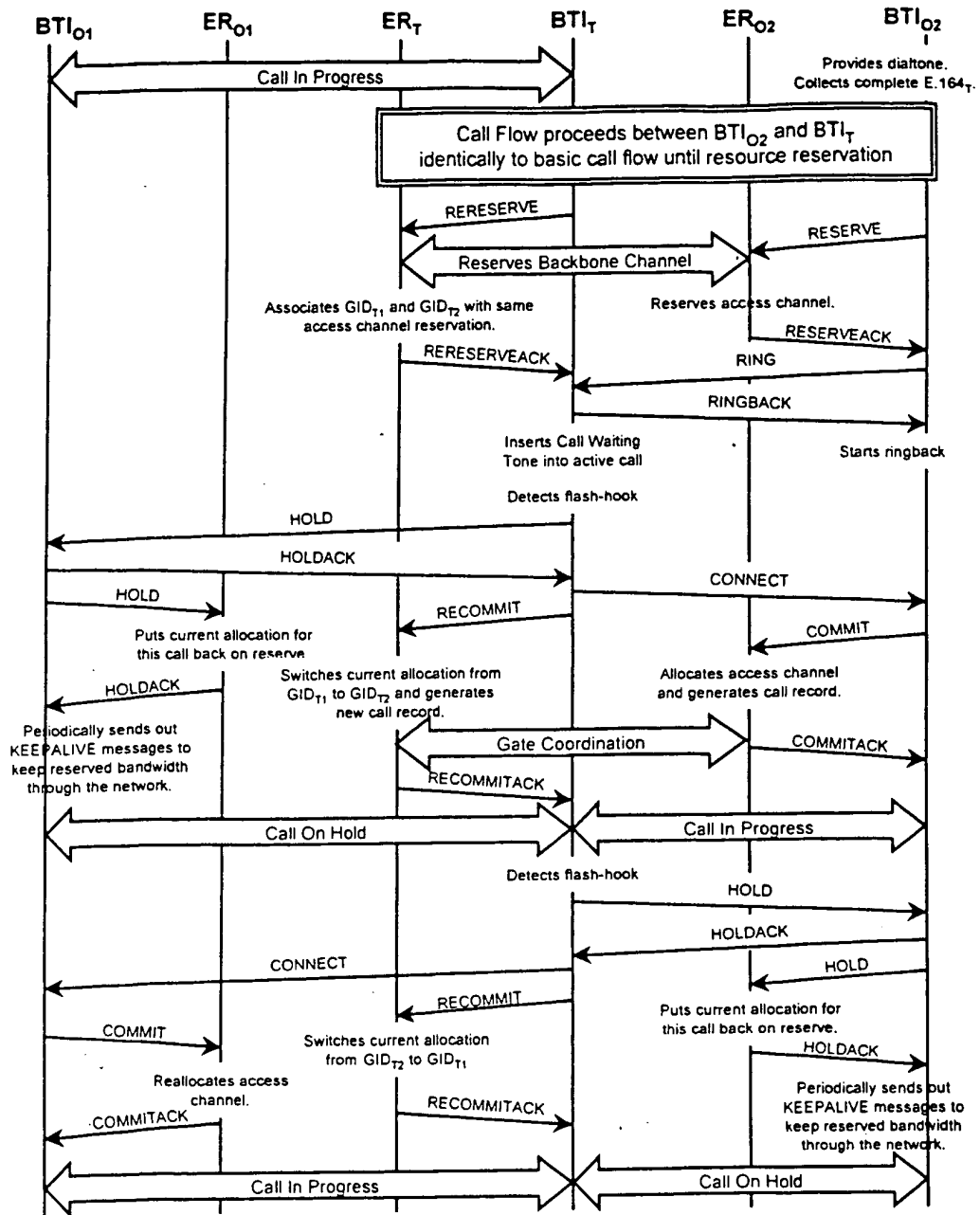


Figure 24

PRINT OF DRAWINGS
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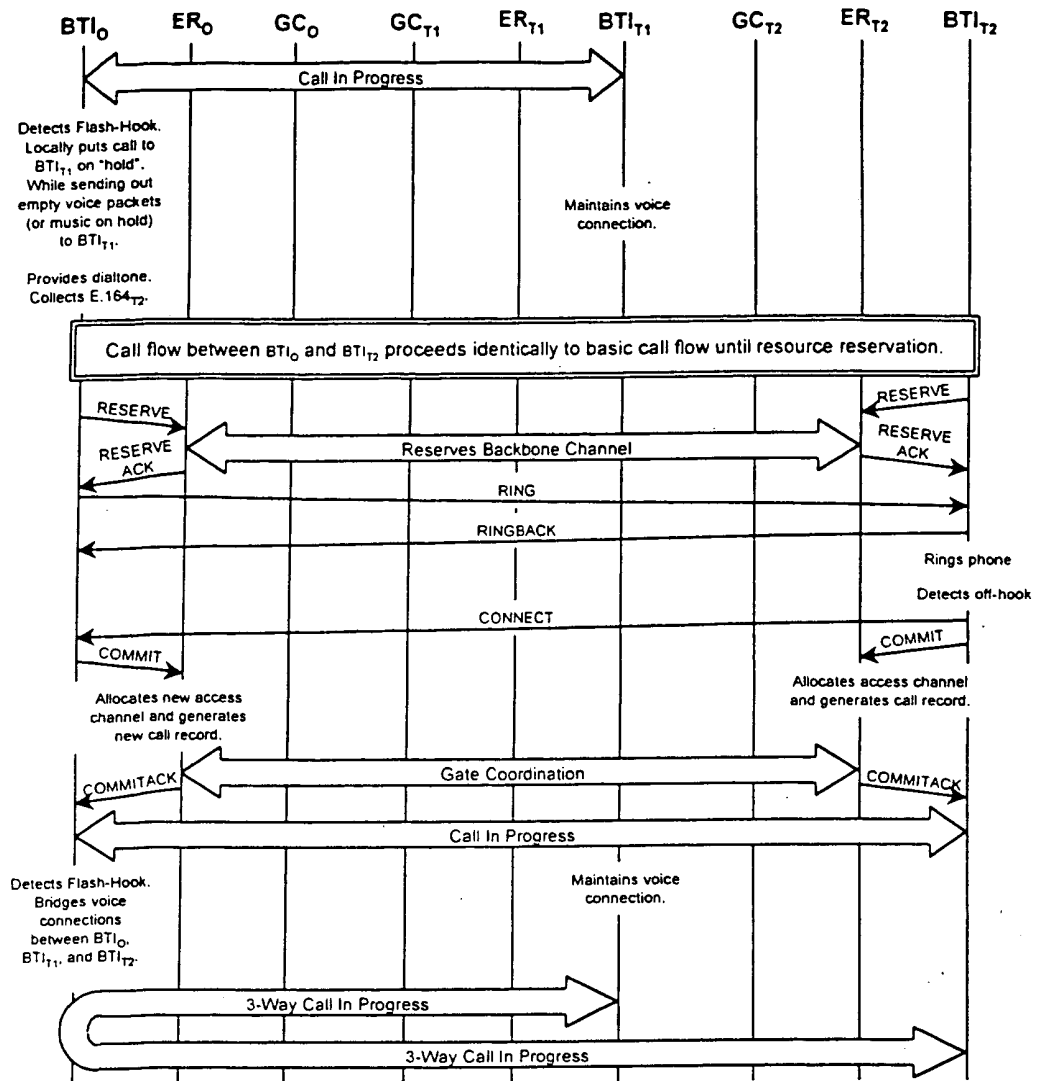


Figure 25

PRINT OF DRAWINGS
AS ORIGINALLY SUBMITTED

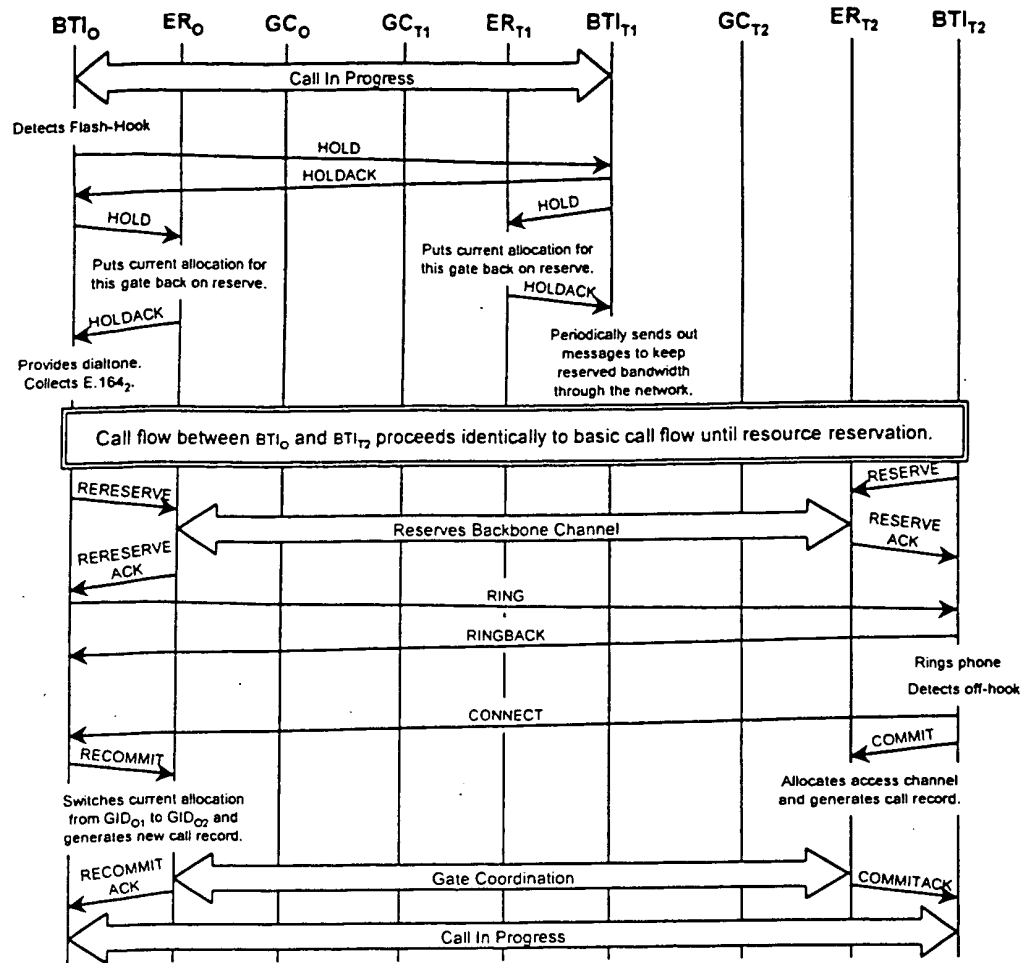


Figure 26

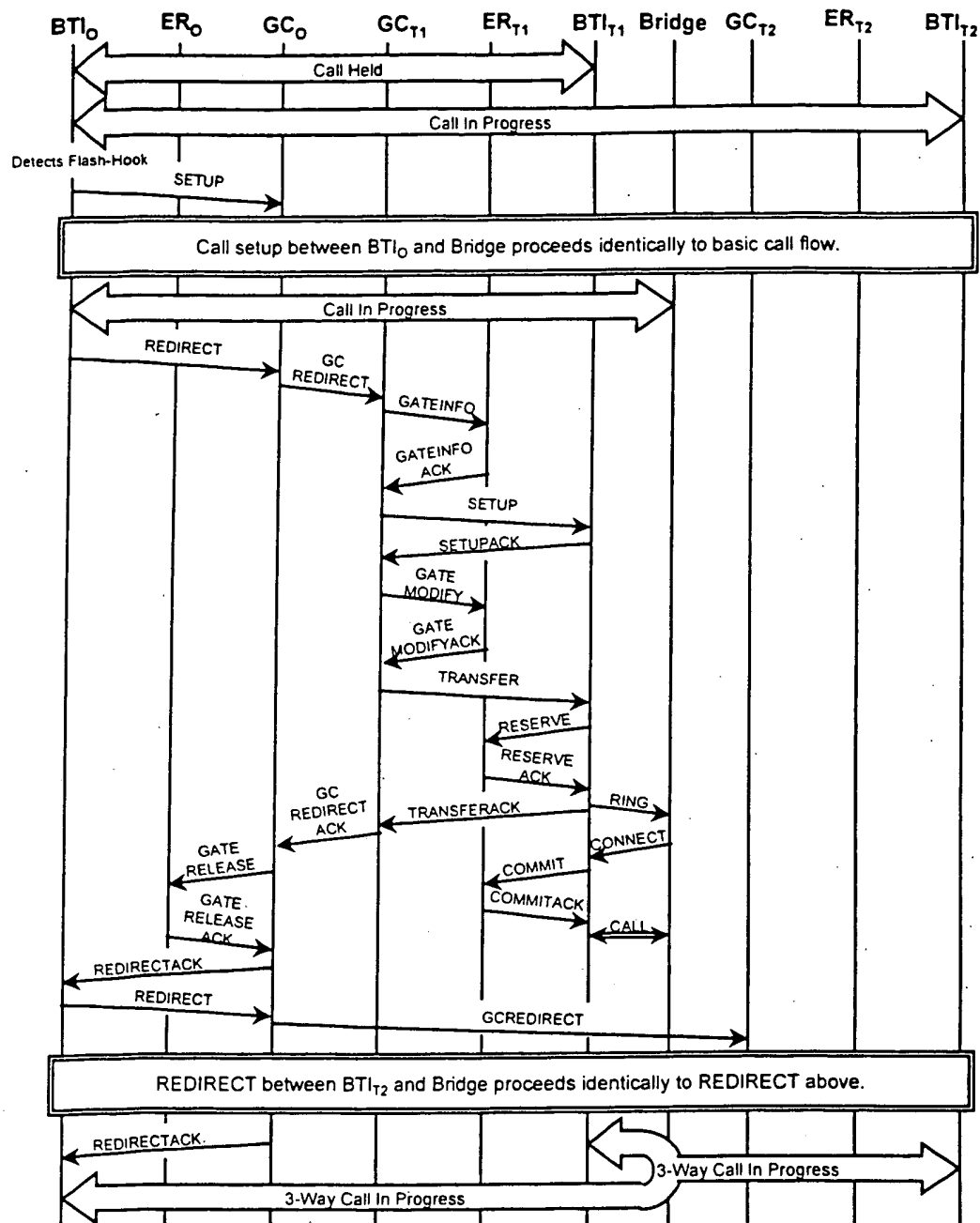


Figure 27

PRINT OF DRAWINGS
AS ORIGINALLY 'D

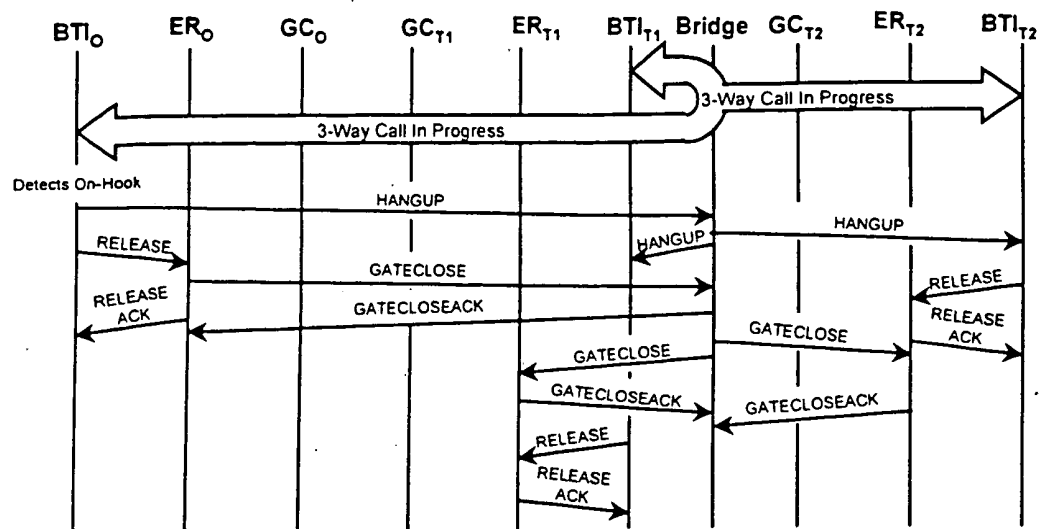


Figure 28

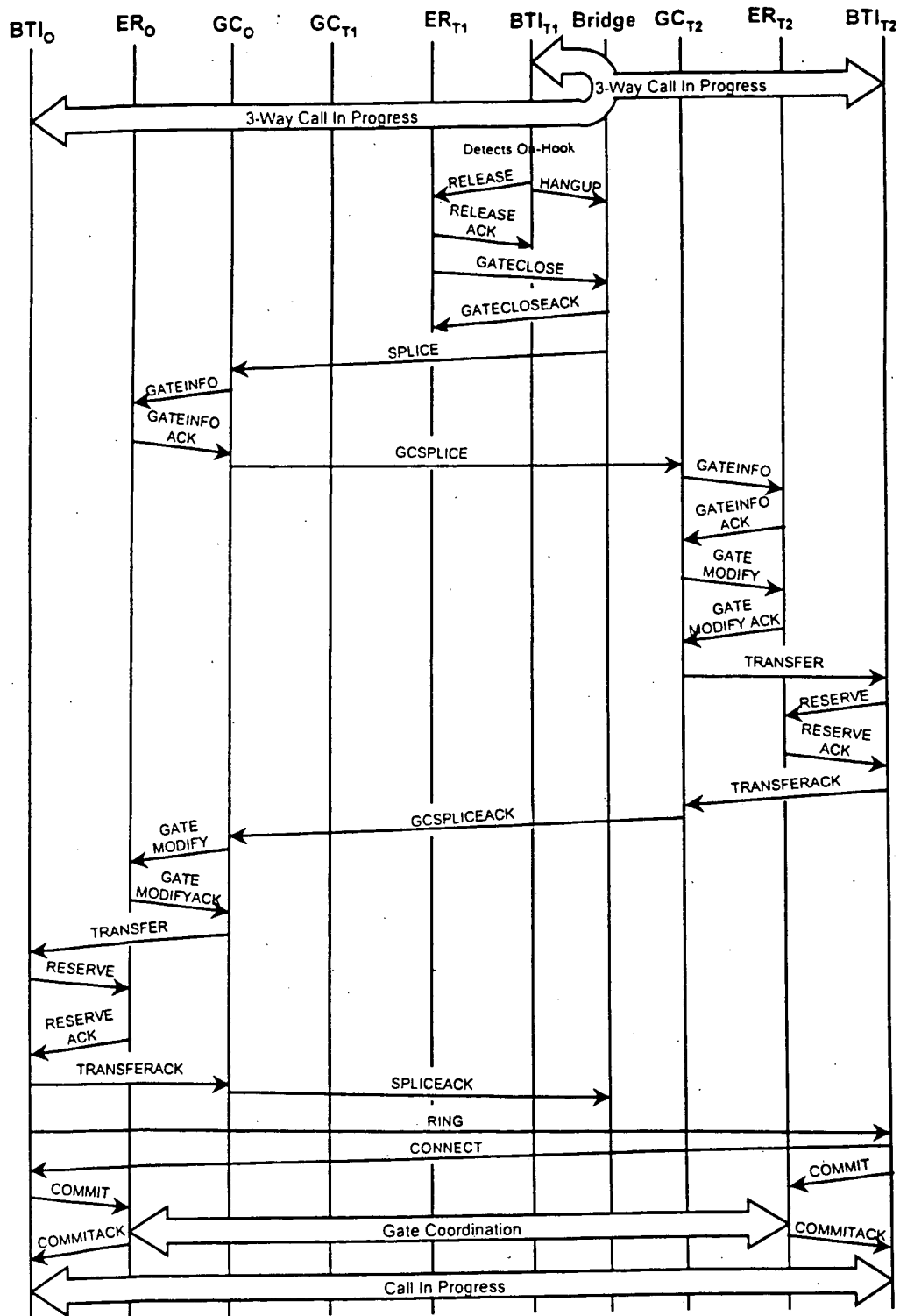


Figure 29



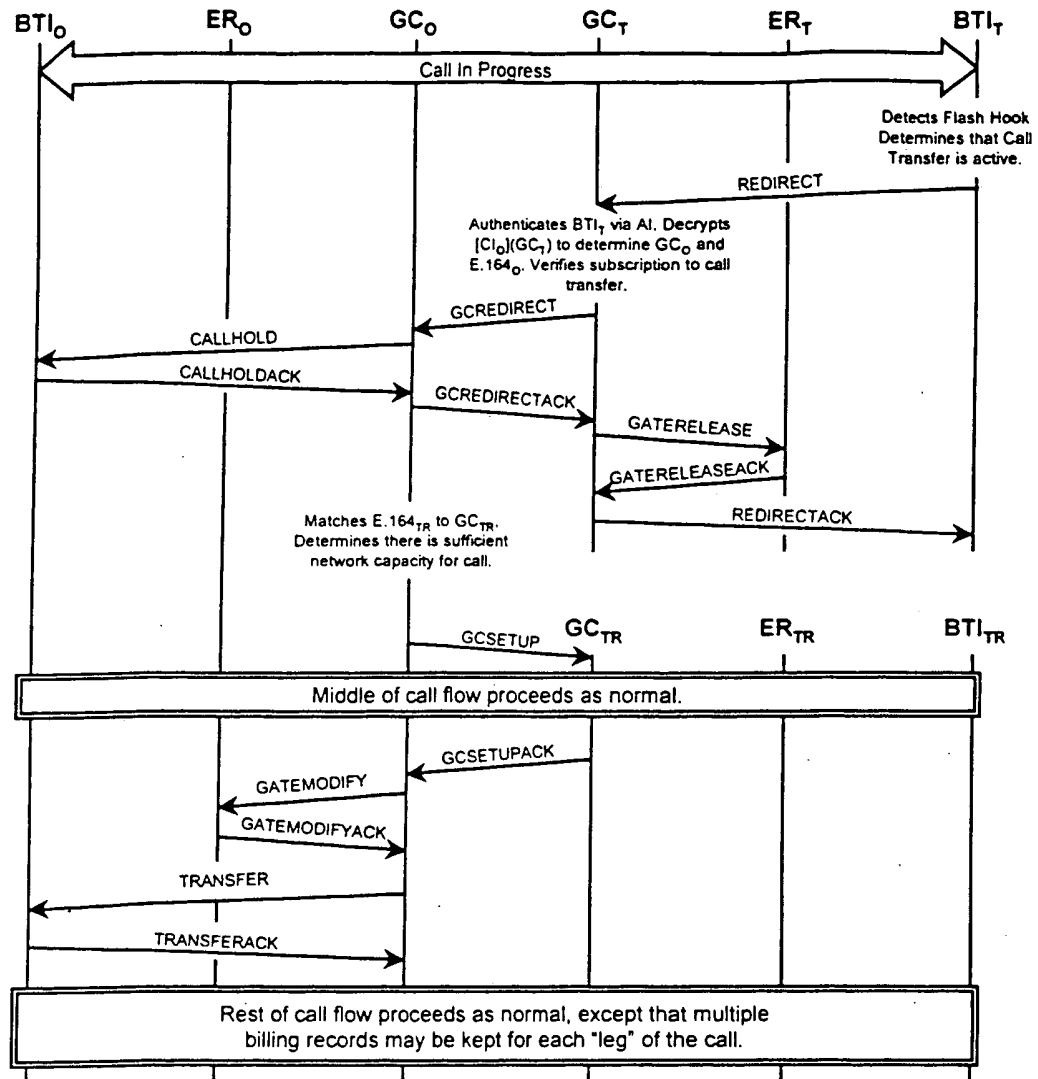


Figure 31

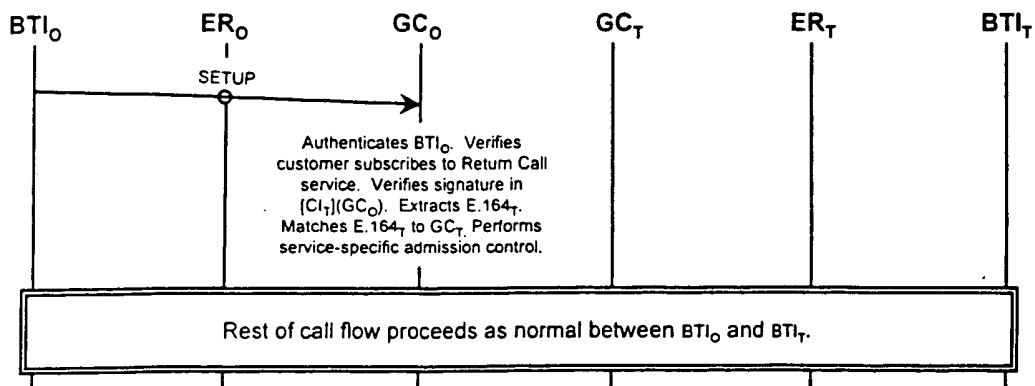


Figure 32

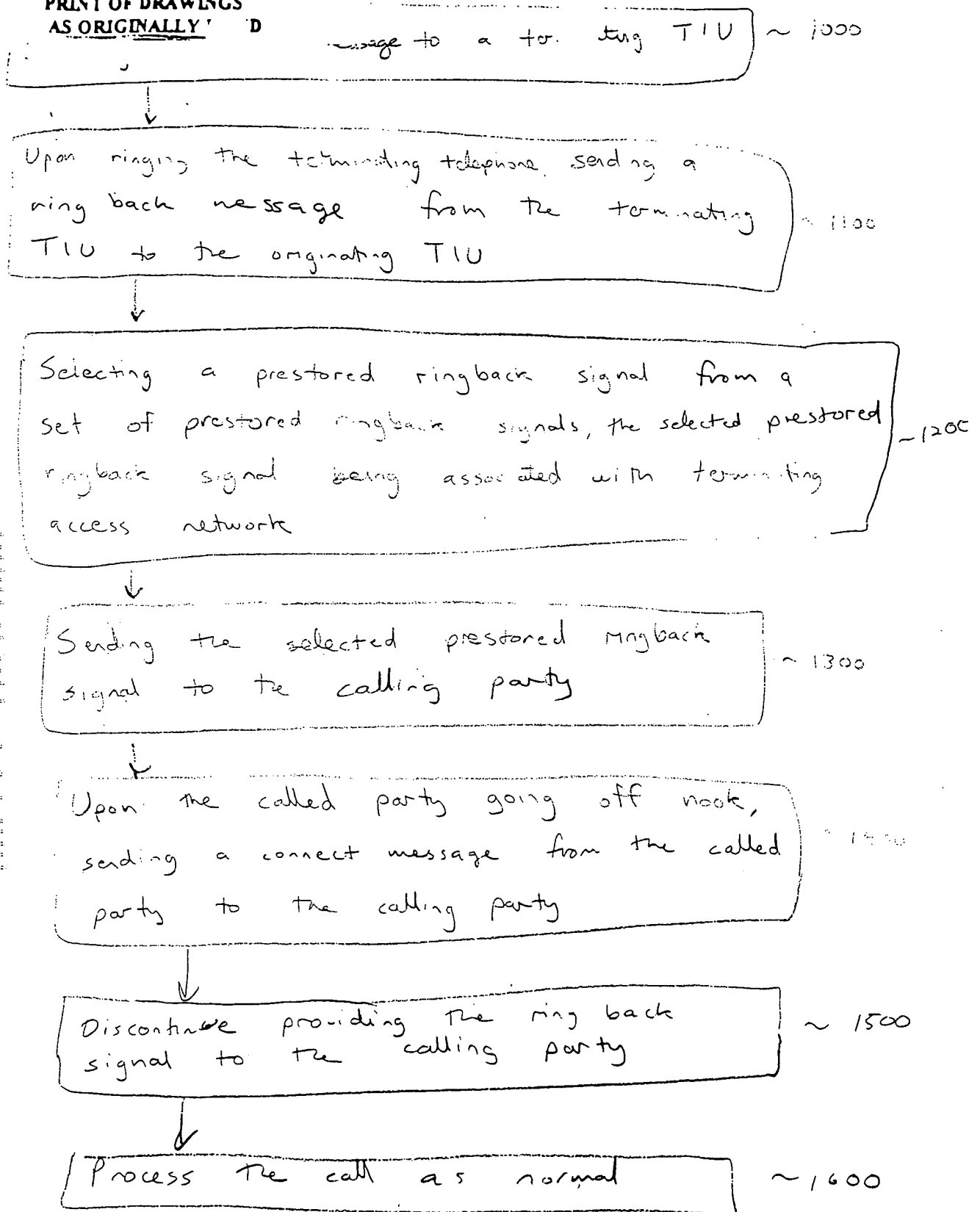


FIG. 33

PRINT OF DRAWINGS
AS ORIGINALLY SUBMITTED

See from the calling

~ 700

Send a gate setup message from the GC_T to NED_T ~ 710

Send a gate setup acknowledgment message from NED_T to GC_T ~ 715

Send a setup message from GC_T to TIU_T ~ 720

Send a setup acknowledgment message having the call forwarding flag from TIU_T to GC_T ~ 730

Verify, at GC_T , call forwarding service subscription by called party ~ 740

750 Determine forwarding number and billing information at GC_T

755 Send setup acknowledgment message from GC_T to GC_0

760 Send a setup message from GC_0 to GC_F

Continue processing of call

~ 780

Send a gate release message from GC_T to NED_T ~ 761

~ 765 Close gate at NED_T

Send a gate release acknowledgment message from NED_T to GC_T

~ 770

= 16.34

PRINT OF DRAWINGS
AS ORIGINALLY FILED

send a ringing timeout message

~ 800

from TIU_T to TIU_O.

Send a redirect message from TIU_T to GC_T ~ 810

Verify, at GC_T, call forwarding service subscription by called party ~ 820

Determine, at GC_T, the forwarding number and billing information ~ 830

Send a GC redirect message from GC_T to GC_O with billing information ~ 840

Send a call hold message from GC_O to TIU_O ~ 850

870 ~ Send a GC setup message from GC_O to GC_F

~ 860
Send a gate release message from GC_T to NED_T

875 ~ Send a GC setup acknowledgment message from GC_F to GC_O

880 ~ Send a Gate modify message from GC_O to NED_O

890 ~ Send a Transfer message from GC_O to TIU_O

895 ~ Continue processing of the call

FIG. 35

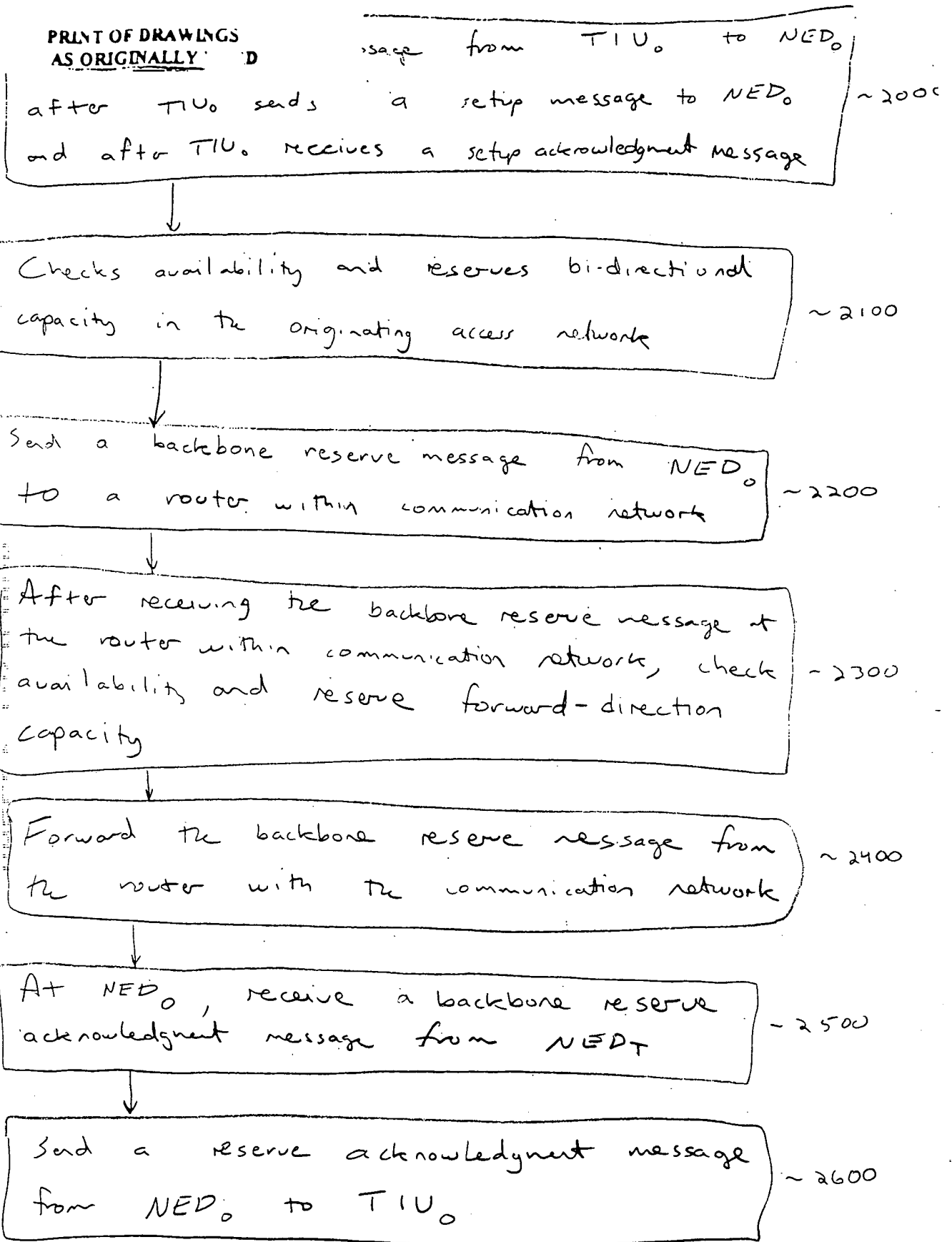


FIG. 37